Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016383.D
Acq On : 21 Sep 2021 19:07
Operator : CG/JU
Sample : PB139259BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139259BSD

Quant Time: Sep 22 04:33:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	25390	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	106671	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	53737	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	98602	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	80622	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	75013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	22761	0.357	ng	0.00
5) Phenol-d6	6.850	99	26455	0.343	ng	0.00
8) Nitrobenzene-d5	8.810	82	26415	0.417	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	62182	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4890	0.310	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	87917	0.418	ng	0.00
27) Fluoranthene-d10	19.093	212	102449	0.359	ng	0.00
31) Terphenyl-d14	19.703	244	85363	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	5690	0.539	ng	# 92
3) n-Nitrosodimethylamine	3.613	42	10246	0.424	ng	# 71
6) bis(2-Chloroethyl)ether	7.117	93	27845	0.405	ng	94
9) Naphthalene	10.495	128	111311	0.387	ng	100
10) Hexachlorobutadiene	10.787	225	22035	0.403	ng	# 99
12) 2-Methylnaphthalene	12.114	142	71382	0.375	ng	99
16) Acenaphthylene	14.015	152	82165	0.329	ng	99
17) Acenaphthene	14.358	154	60567	0.391	ng	99
18) Fluorene	15.347	166	70861	0.368	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	3085	0.708	ng	# 65
21) 4-Bromophenyl-phenylether	16.251	248	22209	0.385	ng	# 88
22) Hexachlorobenzene	16.360	284	22861	0.420	ng	# 90
23) Atrazine	16.531	200	14293	0.271	ng	98
24) Pentachlorophenol	16.701	266	5389	0.294	ng	98
25) Phenanthrene	17.091	178	113600	0.408	ng	99
26) Anthracene	17.188	178	90469	0.335	ng	99
28) Fluoranthene	19.123	202	122506	0.382	ng	99
30) Pyrene	19.485	202	119280	0.468	ng	99
32) Benzo(a)anthracene	21.238	228	98445	0.380	ng	99
33) Chrysene	21.291	228	105800	0.422	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	30879	0.221	ng	97
36) Indeno(1,2,3-cd)pyrene	25.812	276	97392	0.402	ng	100
37) Benzo(b)fluoranthene	22.838	252	96031	0.403	ng	99
38) Benzo(k)fluoranthene	22.882	252	100732	0.439	ng	98
39) Benzo(a)pyrene	23.420	252	83243	0.386	ng	98
40) Dibenzo(a,h)anthracene	25.833	278	84132	0.409	ng	97
41) Benzo(g,h,i)perylene	26.514	276	82358	0.402	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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